

Table S20 Trend analysis for leukaemia and lymphoid leukaemia by single year of age at diagnosis

Model includes cumulative radon exposure, cumulative gamma-ray exposure and quintiles of Carstairs index of deprivation

Exposure period birth to diagnosis

Age at diagnosis	Total leukaemia										Lymphoid leukaemia									
	Number of Cases	Number of Controls	Relative risk					Number of Cases	Number of Controls	Relative risk					Gamma 95% CI	P				
			Radon		Gamma					Radon		Gamma								
			RR ^a	95% CI	P	RR ^b	95% CI	P		RR ^a	95% CI	P	RR ^b							
0-14	9058	11912	1.12	0.88	1.43	0.35	<u>1.09</u>	1.02	1.17	0.01	7267	9571	1.24	0.94	1.63	0.13	1.10	1.02	1.19	0.01
0	689	882	1.00	0.99	1.01	0.42	4.87	0.54	44.24	0.16	337	428	1.00	0.98	1.03	0.65	11.68	0.53	255.49	0.12
1	984	1224	0.67	0.45	0.99	0.05	1.51	0.70	3.24	0.29	670	840	0.65	0.41	1.03	0.06	1.62	0.64	4.07	0.31
2	1464	1865	1.00	0.87	1.14	0.99	1.15	0.78	1.69	0.47	1305	1668	1.00	0.86	1.15	0.96	1.08	0.72	1.62	0.72
3	1407	1799	0.93	0.81	1.07	0.32	1.11	0.83	1.48	0.49	1273	1636	0.95	0.82	1.09	0.46	1.11	0.82	1.50	0.50
4	1038	1326	1.03	0.90	1.17	0.68	0.81	0.63	1.04	0.10	934	1195	1.02	0.89	1.16	0.81	0.78	0.60	1.03	0.08
5	721	963	2.93	0.78	10.93	0.11	1.14	0.87	1.48	0.35	641	860	5.40	1.05	27.74	0.04	1.09	0.82	1.44	0.56
6	524	687	0.84	0.31	2.29	0.74	1.20	0.90	1.60	0.21	448	587	0.91	0.33	2.57	0.86	1.17	0.85	1.60	0.33
7	421	560	1.64	0.60	4.52	0.34	1.09	0.82	1.45	0.54	340	450	4.46	0.89	22.32	0.07	1.14	0.82	1.58	0.45
8	320	442	0.88	0.26	3.03	0.84	1.21	0.90	1.62	0.20	255	360	1.54	0.27	8.64	0.62	1.23	0.90	1.69	0.19
9	297	419	1.05	0.62	1.80	0.85	1.20	0.94	1.53	0.15	220	304	1.16	0.67	2.00	0.60	1.39	1.02	1.90	0.04
10	269	377	0.58	0.13	2.51	0.47	1.31	0.99	1.74	0.06	206	294	0.42	0.08	2.20	0.31	1.26	0.91	1.75	0.16
11	247	352	0.92	0.31	2.71	0.89	1.08	0.88	1.32	0.47	164	234	1.03	0.22	4.78	0.97	1.18	0.93	1.50	0.17
12	238	340	1.68	0.56	5.04	0.36	1.05	0.84	1.30	0.68	166	241	1.13	0.34	3.75	0.84	1.07	0.80	1.42	0.67
13	224	346	0.92	0.50	1.69	0.78	1.00	0.83	1.21	0.98	155	235	1.13	0.55	2.32	0.75	1.02	0.81	1.29	0.84
14	215	325	1.25	0.62	2.51	0.53	1.11	0.91	1.34	0.30	153	237	1.41	0.58	3.41	0.45	1.04	0.84	1.28	0.75

^aRR for each Bq/m³ - years increase in cumulative radon exposure for cases diagnosed at age 0 yearsRR for each 100 Bq/m³ - years increase in cumulative radon exposure for cases diagnosed at ages 1-4 yearsRR for each 10³ Bq/m³ - years increase in cumulative radon exposure for cases diagnosed at ages 5-14 years^bRR for each mGy increase in cumulative gamma-ray exposure

RRs in bold are significantly different from 1.00 (P<0.05)

RRs in bold and underlined are significantly different from 1.00 (P<0.01)